FILE 'HOME' ENTERED AT 11:59:04 ON 03 MAR 2009

=> file rea FULL ESTIMATED COST

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FILE 'REGISTRY' ENTERED AT 11:59:16 ON 03 MAR 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 MAR 2009 HIGHEST RN 1114066-48-6 DICTIONARY FILE UPDATES: 1 MAR 2009 HIGHEST RN 1114066-48-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

Uploading C:\Program Files\Stnexp\Oueries\10577334generic3.str

0.22

0.22

chain nodes : 10 17 18 ring nodes : 1 2 3 4 5 6 7 8 9

```
ring/chain nodes :
chain bonds :
4-10 8-17 10-11 17-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 4-10 5-6 5-7 6-9 7-8 8-9 8-17 10-11 17-18
G1:C.N
G2:C,O,S,N
G3:Cb, Hv, Ak, Ph
G4:C,O,S,N
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 17:Atom 18:Atom
      STRUCTURE UPLOADED
=> s 11 sss sam
SAMPLE SEARCH INITIATED 11:59:36 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 783378 TO ITERATE
                                                               4 ANSWERS
 0.3% PROCESSED
                   2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
                       BATCH **INCOMPLETE**
PROJECTED ITERATIONS:
                        15618571 TO 15716549
PROJECTED ANSWERS:
                            28961 TO
                                       33709
             4 SEA SSS SAM L1
=> d 1-4 ibib hitstr
'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
The following are valid formats:
Substance information can be displayed by requesting individual
fields or predefined formats. The predefined substance formats
are: (RN = CAS Registry Number)
REG
      - RN
SAM
      - Index Name, MF, and structure - no RN
FIDE
      - All substance data, except sequence data
      - FIDE, but only 50 names
IDE
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN
```

```
EPROP - Table of experimental properties
PPROP - Table of predicted properties
PROP - EPROP, ETAG, PPROP and SPEC
Any CA File format may be combined with any substance format to
obtain CA references citing the substance. The substance formats
must be cited first. The CA File predefined formats are:
ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL
IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented
OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels
SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations
The ALL format gives FIDE BIB ABS IND RE, plus sequence data when
it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented,
with text labels.
For additional information, please consult the following help
messages:
HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):ide
    ANSWER 1 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN
RN
    1045431-73-9 REGISTRY
ED
   Entered STN: 01 Sep 2008
CN
    2-Pentanone, 1-[2-[4-amino-6,7,8,9-tetrahydro-2-(2-methoxyethy1)-1H-
    imidazo[4,5-c]guinolin-1-vl]ethoxv]- (CA INDEX NAME)
MF
    C20 H30 N4 O3
SR
    CA
LC
    STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
```

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1045191-25-0 REGISTRY

ED Entered STN: 31 Aug 2008

CN Urea, N-[4-[4-amino-2-(2-methoxyethyl)-1H-imidazo[4,5-c][1,5]naphthyridin-1-vl]-3,3-dimethylbutvl]-N-methoxy-N'-methyl- (CA INDEX NAME)

MF C21 H31 N7 O3

SR CA LC STN Files: CA, CAPLUS, TOXCENTER

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1044101-81-6 REGISTRY

ED Entered STN: 27 Aug 2008

CN Urea, N-[3-[4-amino-2-(2-methoxyethyl)-1H-imidazo[4,5-c][1,5]naphthyridin-1-yl]propyl]-N'-4,7,10,13-nonadecatetraen-1-yl- (CA INDEX NAME)

MF C35 H51 N7 O2

SR CA

LC STN Files: CA, CAPLUS

PAGE 1-A

PAGE 1-B

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 4 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN

L2 ANSWER 4 OF 4 REGISTR' RN 1031831-25-0 REGISTRY

ED Entered STN: 30 Jun 2008

CN Imidazo[1,2-a]pyridine-2-acetamide, N-4-morpholiny1-5-[[(tricyclo[3.3.1.13,7]dec-1-ylmethyl)amino]carbonyl]-(CA INDEX NAME)

MF C25 H33 N5 O3

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE) FULL SEARCH INITIATED 12:01:21 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 15666734 TO ITERATE

1.2% PROCESSED 195669 ITERATIONS 4 ANSWERS 2.4% PROCESSED 377475 ITERATIONS 10 ANSWERS 3.3% PROCESSED 521913 ITERATIONS 14 ANSWERS 5.2% PROCESSED 809290 ITERATIONS 85 ANSWERS 5.8% PROCESSED 912670 ITERATIONS 218 ANSWERS 6.2% PROCESSED 963607 ITERATIONS 218 ANSWERS 6.4% PROCESSED 1000000 ITERATIONS 218 ANSWERS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.01.42

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\* BATCH \*\*INCOMPLETE\*\* 15666734 TO 15666734 PROJECTED ITERATIONS: PROJECTED ANSWERS: 3240 TO 3590

218 SEA SSS FUL L1

=> d 200-218 ibib hitstr 'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY' 'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN

SAM - Index Name, MF, and structure - no RN FIDE - All substance data, except sequence data

- FIDE, but only 50 names

IDE SOIDE - IDE, plus sequence data

SOIDE3 - Same as SOIDE, but 3-letter amino acid codes are used

SOD - Protein sequence data, includes RN

SQD3 - Same as SQD, but 3-letter amino acid codes are used

SQN - Protein sequence name information, includes RN

EPROP - Table of experimental properties PPROP - Table of predicted properties

PROP - EPROP, ETAG, PPROP and SPEC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract

APPS -- Application and Priority Information

BIB -- CA Accession Number, plus Bibliographic Data CAN -- CA Accession Number

CBIB -- CA Accession Number, plus Bibliographic Data (compressed)

IND -- Index Data

IPC -- International Patent Classification

```
PATS -- PI, SO
STD -- BIB, IPC, and NCL
IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented
OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels
SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations
The ALL format gives FIDE BIB ABS IND RE, plus sequence data when
it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented,
with text labels.
For additional information, please consult the following help
messages:
HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):
ENTER DISPLAY FORMAT (IDE):help
The following are valid formats:
Substance information can be displayed by requesting individual
fields or predefined formats. The predefined substance formats
are: (RN = CAS Registry Number)
REG
      - RN
SAM
      - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE
      - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD
     - Protein sequence data, includes RN
SOD3 - Same as SOD, but 3-letter amino acid codes are used
SON
      - Protein sequence name information, includes RN
EPROP - Table of experimental properties
PPROP - Table of predicted properties
PROP
      - EPROP, ETAG, PPROP and SPEC
Any CA File format may be combined with any substance format to
obtain CA references citing the substance. The substance formats
must be cited first. The CA File predefined formats are:
ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL
```

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IABS -- ABS, indented, with text labels
```

IBIB -- BIB, indented, with text labels

ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original) OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations

SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields. HELP FORMATS -- To see detailed descriptions of the predefined formats. ENTER DISPLAY FORMAT (IDE):ide

- L3 ANSWER 200 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1100459-80-0 REGISTRY
- ED Entered STN: 04 Feb 2009 CN 1H-Imidazo[4.5-c][1.8]naphthyr
  - I H-Imidazo[4,5-c][1,8]naphthyridin-4-amine,
    2-butyl-1-(2-methylpropyl)-N-[(triphenylmethyl)phosphinidene]-, [N(E)](CA INDEX NAME)
- FS STEREOSEARCH
- MF C36 H36 N5 P
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Double bond geometry as shown.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 201 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1100343-45-0 REGISTRY
- ED Entered STN: 03 Feb 2009

CN INDEX NAME NOT YET ASSIGNED

MF C16 H16 N6 O S

SR Chemical Library Supplier: AsInEx

## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 ANSWER 202 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1100343-44-9 REGISTRY

ED Entered STN: 03 Feb 2009

CN INDEX NAME NOT YET ASSIGNED

MF C14 H11 F3 N6 O S

SR Chemical Library Supplier: AsInEx

#### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- L3 ANSWER 203 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099858-37-3 REGISTRY
- ED Entered STN: 02 Feb 2009
- CN H-Pyrrole-3-carboxamide, 5-[(3-cyano-1-oxopropyl)amino]-1-methyl-N-[1-methyl-4-[(4-nitro-1H-indol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]- (CA INDEX NAME)
- MF C24 H22 N8 O5
- CI COM
- SR CA

- L3 ANSWER 204 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099556-79-2 REGISTRY
- ED Entered STN: 02 Feb 2009
- CN 1H-Pyrrole-3-carboxamide, 5-[(3-cyano-1-oxopropy1)amino]-1-methy1-N-[1-methy1-4-[(4-nitro-1H-indol-2-y1)amino]carbony1]-1H-pyrrol-2-y1]-, hydrochloride (1:1) (CA INDEX NAME)
- MF C24 H22 N8 O5 . C1 H
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- CRN (1099858-37-3)

HC1

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 205 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099003-56-1 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N-methyl-N-2-propyn-1yl- (CA INDEX NAME)
- MF C12 H7 C1 F N3 O S
- SR CA
- LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 206 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN L3

RN 1099003-55-0 REGISTRY

ED Entered STN: 01 Feb 2009

CN 2-Benzothiazolamine, N-butvl-4-chloro-6-fluoro-7-isocyanato-N-methyl- (CA

INDEX NAME) C13 H13 C1 F N3 O S

MF SR CA

LC STN Files: CA, CAPLUS

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 207 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1099003-54-9 REGISTRY

ED Entered STN: 01 Feb 2009

CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N-methyl-N-propyl-(CA INDEX NAME)

MF C12 H11 C1 F N3 O S SR

LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 208 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN

1099003-52-7 REGISTRY RN ED Entered STN: 01 Feb 2009

CN Propanenitrile, 3-[(4-chloro-6-fluoro-7-isocvanato-2-

benzothiazolvl)methvlaminol- (CA INDEX NAME) C12 H8 C1 F N4 O S

MF SR CA

LC STN Files: CA, CAPLUS

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ANSWER 209 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN RN

1099003-51-6 REGISTRY ED

Entered STN: 01 Feb 2009

CN 2-Benzothiazolamine, 4-chloro-N-ethvl-6-fluoro-7-isocvanato-N-methvl- (CA INDEX NAME)

MF C11 H9 C1 F N3 O S

SR

LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 210 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1099003-50-5 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N,N-dimethyl- (CA
- INDEX NAME) MF C10 H7 C1 F N3 O S
- MF C1
- LC STN Files: CA, CAPLUS

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 211 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1098477-62-3 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN INDEX NAME NOT YET ASSIGNED
- MF C19 H26 N6 O3
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

T.3 ANSWER 212 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1098259-92-7 REGISTRY

ED Entered STN: 01 Feb 2009

INDEX NAME NOT YET ASSIGNED CN

C15 H10 F N5 O2 MF

CA

SR

LC STN Files: CA, CAPLUS

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 213 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- 1098259-91-6 REGISTRY Entered STN: 01 Feb 2009 RN
- ED
- INDEX NAME NOT YET ASSIGNED CN
- MF C16 H13 N5 O2
- SR CA
- LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 214 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1098259-90-5 REGISTRY
- ED Entered STN: 01 Feb 2009 CN 1H-Benzimidazole-6-carbox
  - N 1H-Benzimidazole-6-carboxylic acid, 2-[(7-nitro-1H-benzimidazol-2-yl)methyl]- (CA INDEX NAME)
- MF C16 H11 N5 O4
- SR CA
- LC STN Files: CA, CAPLUS

### \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

- 1 REFERENCES IN FILE CA (1907 TO DATE)
  1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 215 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1098259-89-2 REGISTRY
- ED Entered STN: 01 Feb 2009
- CN 1H-Benzimidazole-7-carboxvlic acid,
  - 2-[(7-nitro-1H-benzimidazo1-2-v1)methv1]- (CA INDEX NAME)
- MF C16 H11 N5 O4
- SR CA
- LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 216 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1097777-72-4 REGISTRY
- ED Entered STN: 30 Jan 2009
- CN Benzoic acid, 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4-

isoxazolyl]ethyl]-7-benzoxazolyl]amino]-, ethyl ester (CA INDEX NAME)
OTHER NAMES:

- CN Ethyl 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4isoxazolyl]ethyl]-1,3-benzoxazol-7-yl]amino]benzoate
- MF C30 H27 C12 N3 O4
- SR CA
- LC STN Files: CA, CAPLUS

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L3 ANSWER 217 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 1097777-68-8 REGISTRY
- ED Entered STN: 30 Jan 2009
- CN Benzoic acid, 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4-isoxazolvl]ethyl]-7-benzoxazolvl]amino]- (CA INDEX NAME)
- OTHER NAMES:

  CN 3-[[2-[3-(2,6-Dichlorophenyl)-5-(1-methylethyl)-4-isoxazolyl]ethyl]-1,3-benzoxazol-7-yl]amino|benzoic acid
- MF C28 H23 C12 N3 O4
- SR CA
- LC STN Files: CA, CAPLUS

- 1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- ANSWER 218 OF 218 REGISTRY COPYRIGHT 2009 ACS on STN L3
- RN
- 1097323-01-7 REGISTRY Entered STN: 29 Jan 2009 ED
- CN 1H-Indole-3-carboxaldehyde, 2-(2-hydroxyethyl)-5-methoxy-1-methyl-4-nitro-(CA INDEX NAME)
- C13 H14 N2 O5 MF
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file capl COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

237.09

236.87

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 12:04:36 ON 03 MAR 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 3 Mar 2009 VOL 150 ISS 10 FILE LAST UPDATED: 2 Mar 2009 (20090302/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13 T. 4

SOURCE:

DOCUMENT TYPE:

15 L3

=> d 1-15 ibib hitstr

L4 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:139286 CAPLUS <<LOGINID::20090303>> DOCUMENT NUMBER: 150:168696

TITLE: Preparation , conformation, and crystal structure of 5'-substituted adenosine derivs, as inhibitors of

S-adenosylmethionine decarboxylase

INVENTOR(S):

Secrist, John A., III; Ealick, Steve; Bale, Shridhar; Pegg, Anthony E.; McCloskey, Diane E.; Guida, Wayne C.

PATENT ASSIGNEE(S): Southern Research Institute, USA; Cornell University; Pennsylvania State University; R. Lee Moffitt Cancer

Center and Research Institute, Inc.

PCT Int. Appl., 83pp.

CODEN: PIXXD2

Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

	ENT :				KIN	D	DATE				ICAT:	DATE					
WO 2009018541					A1	_	2009	0205			008-	20080801					
	W:	ΑE,	AG,	AL,	AM,	ΑΟ,	AT,	AU,	AZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,
		CA,	CH,	CN,	co,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FI,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,
		KG,	KM,	KN,	KP,	KR,	KZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	ST,	SV,	SY,	TJ,
		TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW		
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,
		IE,	IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
		TR,	BF,	BJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,
		TG,	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,

AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2007-953621P P 20070802

IT 1106913-85-2P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation, conformation, and crystal structure of 5'-substituted adenosine derivs as inhibitors of S-adenosylmethionine decarboxylase)

RN 1106913-85-2 CAPLUS CN Adenosine, 5'-[[4-(am:

N Adenosine, 5'-[[4-(aminooxy)butyl]methylamino]-5'-deoxy-8-ethyl-, sulfate (10:19) (CA INDEX NAME)

CM 1

CRN 1106913-84-1 CMF C17 H29 N7 O4

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

#### IT 1106913-60-3P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation, conformation, and crystal structure of 5'-substituted

(preparation, conformation, and crystal structure of 5'-substituted adenosine derivs. as inhibitors of S-adenosylmethionine decarboxylase) RN 1106913-60-3 CAPLUS

CN Adenosine, 5'-deoxy-5'-[[4-[[(1-

 $ethoxyethylidene) a mino] oxy] butyl] methylamino] - 8-(methylamino) - \\ (CA INDEX NAME) \\$ 

Absolute stereochemistry. Double bond geometry unknown.

# IT 1106913-57-8P 1106913-58-9P 1106913-73-8P 1106914-04-8P 1106914-21-9P 1106914-23-1P

1106914-44-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation, conformation, and crystal structure of 5'-substituted adenosine derivs. as inhibitors of S-adenosylmethionine decarboxylase) RN 1106913-57-8 CAPLUS

CN Adenosine, 5'-[[2-(aminooxy)ethyl]methylamino]-5'-deoxy-8-(methylamino)-, sulfate (10:21) (CA INDEX NAME)

CM :

CRN 1106913-56-7 CMF C14 H24 N8 O4

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN

CN Adenosine, 5'-[[2-(aminooxy)ethyl]methylamino]-5'-deoxy-8-(methylamino)-, sulfate (1:2) (CA INDEX NAME)

CM 1

CRN 1106913-56-7 CMF C14 H24 N8 O4

Absolute stereochemistry.

CM

CRN 7664-93-9 CMF H2 O4 S

RN 1106913-73-8 CAPLUS

CN Adenosine, 5'-[[4-(aminooxy)buty1]methylamino]-5'-deoxy-8-(methylamino)-, sulfate (5:2) (CA INDEX NAME)

CM 1

CRN 1106913-72-7

CMF C16 H28 N8 O4

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN 1106914-04-8 CAPLUS

CN Adenosine, 5'-[(3-amino-3-oxopropyl)methylamino]-5'-deoxy-8-ethyl-, sulfate (10:11) (CA INDEX NAME)

CM 1

CRN 1106914-03-7 CMF C16 H25 N7 O4

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN 1106914-21-9 CAPLUS

CN Adenosine, 5'-[(3-aminopropyl)methylamino]-5'-deoxy-8-(methylamino)-, sulfate (5:12) (CA INDEX NAME)

CM 1

CRN 1106914-20-8 CMF C15 H26 N8 O3

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

RN 1106914-23-1 CAPLUS

CN Adenosine, 5'-deoxy-8-(methylamino)-5'-[[3-(methylamino)propyl]amino]-, sulfate (5:12) (CA INDEX NAME)

CM 1

CRN 1106914-22-0 CMF C15 H26 N8 O3

Absolute stereochemistry.

CM 2

CRN 7664-93-9

RN 1106914-44-6 CAPLUS

CM 1

CRN 1106914-43-5 CMF C16 H27 N7 O3

Absolute stereochemistry.

CM 2

CRN 7664-93-9 CMF H2 O4 S

IT 1106913-18-1

RL: RCT (Reactant); RACT (Reactant or reagent) (preparation, conformation, and crystal structure of 5'-substituted adenosine derivs. as inhibitors of S-adenosylmethionine decarboxylase)

RN 1106913-18-1 CAPLUS

Absolute stereochemistry.

IT 1106913-34-1P 1106913-40-9P 1106913-42-1P 1106913-48-7P 1106913-68-1P 1106913-97-6P 1106914-33-3P 1106914-38-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)
(preparation, conformation, and crystal structure of 5'-substituted adenosine derive, as inhibitors of S-adenosylmethionine decarboxylase)

RN 1106913-34-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

RN 1106913-40-9 CAPLUS

CN Adenosine, 5'-deoxy-8-ethyl-5'-(methylamino)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1106913-42-1 CAPLUS

CN Adenosine, 5'-deoxy-5', 8-bis(methylamino)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1106913-48-7 CAPLUS

CN Adenosine, 5'-deoxy-5'-[[2-[[(1-ethoxyethylidene)amino]oxy]ethyl]methylamino]-8-(methylamino)- (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry unknown.

RN 1106913-68-1 CAPLUS

CN Adenosine, 5'-deoxy-5'-[[4-[[4-[-]]]] ethoxyethylidene) amino] oxylbutyl] methylamino]-8-ethyl-2',3'-0-(1-methylethylidene) - (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.

RN 1106913-97-6 CAPLUS

CN Adenosine, 5'-deoxy-5'-[(3-ethoxy-3-oxopropy1)methylamino]-8-ethyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 1106914-33-3 CAPLUS

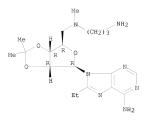
CN Adenosine, 5'-deoxy-5'-[[3-(1,3-dihydro-1,3-dioxo-2H-isoindol-2y1)propyl]methylamino]-8-ethyl-2',3'-0-(1-methylethylidene)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1106914-38-8 CAPLUS

CN Adenosine, 5'-[(3-aminopropy1)methylamino]-5'-deoxy-8-ethyl-2',3'-0-(1methylethylidene)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:55614 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 150:144476

TITLE: Preparation of 1H-imidazole-4-carboxamide derivatives

as Hsp90 inhibitors

INVENTOR(S): Martinell Pedemonte, Marc; Navarro Munoz, Isabel; Soler Lopez, Montserrat; Mormeneo Julian, David;

Rosol, Malgorzata; Llebaria Soldevila, Amadeo; Aymami Bofarull, Juan

PATENT ASSIGNEE(S): Crystax Pharmaceuticals, S.L., Spain

SOURCE: PCT Int. Appl., 124pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2009007399 A1 20090115 WO 2008-EP58924 W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,

AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
PRIORITY APPLN. INFO.: EP 2007-112388 A 20070712

MARPAT 150:144476

#### OTHER SOURCE(S): IT 1103523-00-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(4,4-Difluoro-5,7-dimethyl-4-bora-3a,4a-diaza-s-indacene-3-

propionylethylenediamine; preparation of imidazole-4-carboxamide derivs. as Hsp90 inhibitors)

RN 1103523-00-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

PAGE 1-A

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● HC1

PAGE 1-B

- IT 1102466-57-8, [8-[(6-Iodobenzodioxol-5-y1)methy1]-9H-purin-6y1]amine RL: RCT (Reactant); RACT (Reactant or reagent)
- (preparation of imidazole-4-carboxamide derivs. as Hsp90 inhibitors)
- RN 1102466-57-8 CAPLUS
- CN 9H-Purin-6-amine, 8-[(6-iodo-1,3-benzodioxol-5-yl)methyl]- (CA INDEX NAME)

- 1102466-18-1P, 2-[5-[6-Amino-8-[(6-iodobenzodioxol-5yl)sulfanyl]purin-9-yl]pentyl]isoindole-1,3-dione 1102466-23-8P, [9-Butyl-8-[(6-iodobenzodioxol-5-yl)sulfanyl]-9H-purin-6-yl]amine 1102466-27-2P, 8-[(Benzo[d][1,3]dioxol-5-yl)thio]-9-butyl-9H-purin-6-amine 1102466-31-8P, 2-[5-[6-Amino-8-[(benzo[d][1,3]dioxol-5yl)thio]-9H-purin-9-yl]pentyl]isoindoline-1,3-dione 1102466-36-3P 8-[[4-(Trifluoromethyl)phenyl]thio]-9H-purin-6-amine 1102466-38-5P, 8-[[4-(Trifluoromethyl)phenyl]thio]-9-butyl-9Hpurin-6-amine 1102466-51-2P, 6-[6-Amino-8-[(6-iodobenzodioxol-5-v1)sulfanv1]purin-9-v1]hexanoic acid methyl ester 1102466-52-3P, 6-[6-Amino-8-[(6-iodobenzodioxol-5-v1)sulfanvl]purin-9-vl]hexanoic acid 1102466-53-4P, 2-[4-[6-Amino-8-[(6-iodobenzodioxol-5yl)sulfanyl]purin-9-yl]butyl]isoindole-1,3-dione 1102466-54-5P, [9-(4-Aminobutyl)-8-[(6-iodobenzodioxol-5-yl)sulfanyl]-9H-purin-6-yl]amine 1102466-55-6P 1102466-58-9P, [3-[6-Amino-8-[(6-iodobenzodioxol-5-yl)methyl]purin-9yl]propyl](isopropyl)carbamic acid tert-butyl ester RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of imidazole-4-carboxamide derivs. as Hsp90 inhibitors) RN 1102466-18-1 CAPLUS

INDEX NAME NOT YET ASSIGNED

CN

RN 1102466-23-8 CAPLUS
CN 9H-Purin-6-amine, 9-butyl-8-[(6-iodo-1,3-benzodioxol-5-y1)thio]- (CA
INDEX NAME)

RN 1102466-27-2 CAPLUS

CN 9H-Purin-6-amine, 8-(1,3-benzodioxol-5-ylthio)-9-butyl- (CA INDEX NAME)

RN 1102466-31-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1102466-36-3 CAPLUS

CN 9H-Purin-6-amine, 8-[[4-(trifluoromethyl)phenyl]thio]- (CA INDEX NAME)

RN 1102466-38-5 CAPLUS

CN 9H-Purin-6-amine, 9-butyl-8-[[4-(trifluoromethyl)phenyl]thio]- (CA INDEX NAME)

RN 1102466-51-2 CAPLUS

CN 9H-Purine-9-hexanoic acid, 6-amino-8-[(6-iodo-1,3-benzodioxol-5-yl)thio]-, methyl ester (CA INDEX NAME)

RN 1102466-52-3 CAPLUS

CN 9H-Purine-9-hexanoic acid, 6-amino-8-[(6-iodo-1,3-benzodioxol-5-yl)thio]-(CA INDEX NAME)

RN 1102466-53-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

- RN 1102466-54-5 CAPLUS

- RN 1102466-55-6 CAPLUS
- CN INDEX NAME NOT YET ASSIGNED

- RN 1102466-58-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED
- INDEX NAME NOT TEL ASSIGNED

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:20122 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER:

150:121632 TITLE: Preparation of isoxazoles as farnesoid x receptor

agonists

INVENTOR(S): Akwabi-Ameyaw, Adwoa A.; Deaton, David Norman;

Mcfadyen, Robert Blount; Navas, Frank, III PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 299pp.

CODEN: PIXXD2 DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT	PATENT NO.						KIND DATE				APPLICATION NO.						
WO 2009	WO 2009005998						A1 20090108										
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PRIORITY APP	LN.	INFO	. :						US 2	007-	9475	48P	1	P 2	0070	702	
OTHER SOURCE	(S):			MARI	PAT	150:	12163	32									
IT 1097777	-68-	8P,	3-[[	2-[2	-[3-	(2,6	-Dicl	nlor	ophe	nyl)	-5-(	1-me	thy1	ethy	1)-		
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU																	
(Therap	eutio	c us	e);	BIOL	(Bi	olog	ical	stu	dy);	PRE	P (P:	repa:	rati	on);	USE	S	
(Uses)																	
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onists) 1097777-68-8 CAPLUS

CN Benzoic acid, 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4isoxazolyl]ethyl]-7-benzoxazolyl]amino]- (CA INDEX NAME)

IT 1097777-72-4P, Ethyl 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1methylethyl)-4-isoxazolyl]ethyl]-1,3-benzoxazol-7-yl]amino]benzoate RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of isoxazoles as farnesoid x receptor agonists)

RN 1097777-72-4 CAPLUS

CN Benzoic acid, 3-[[2-[2-[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4isoxazolyl]ethyl]-7-benzoxazolyl]amino]-, ethyl ester (CA INDEX NAME)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:555495 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 137:109485

TITLE: Preparation of pyrrolopyrimidinylprolineamides and

analogs as adenosine receptor antagonists

INVENTOR(S): Castelhano, Arlindo L.; McKibben, Bryan; Witter, David J.

PATENT ASSIGNEE(S): Osi Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 320 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

								APPLICATION NO.												
	2002	67		A1 20020725			WO 2001-US45280													
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					ZM,															
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		BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GÇ	2, GW,	ML,	MR,	NE,	SN	, TD,	TG			
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US	6680		B2 20040120																	
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US	7160	B2 20070109																		
US	JS 20030036545					A1 20030220					US 2000-728607					20001201				
US	US 6664252						2003	1216												
CA	2430	577		A1		2002	0725	US 2000-728607 CA 2001-2430577							20011	.130				
AU	AU 2002248151						2002	0730	AU 2002-248151					20011130						
AU	AU 2002248151					B2 20080221														
EP	2 1347980				A1 20031001					EP	2001-	9970	29	20011130			130			
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	2001												20011130							
JP	JP 2004517896					T 20040617					2002-	5579	44	20011130						
HII	HII 2004000692					Δ2 20040728				HII	2004-	692	20011130							
HU	2004	0006	92		A3 20070928															
NZ	HU 2004000692 NZ 525885 AP 1893 IN 2003DN00802						2005	0128		NZ	2001-	5258	85			20011	130			
AP	1893				A		2008	1031		AP	2003-	2807				20011	.130			
IN	2003	DNOO	802		A		2007	0112		IN	2003-	DN80	2			20030	522			
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PRIORIT	RIORITY APPLN. INFO.:									US	1999-	1690	37P		P	19991	202			
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										US	2000-	7286	07		A	20001	204			
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										US	1999-	1690	36P		P	19991	202			
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OTHER SOURCE(S): MARPAT 137:109485

## IT 1106056-75-0 1106056-76-1

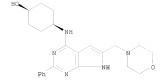
RL: PRPH (Prophetic)

(Preparation of pyrrolopyrimidinylprolineamides and analogs as adenosine receptor antagonists)

RN 1106056-75-0 CAPLUS

CN Cyclohexanol, 4-[[6-(4-morpholinylmethyl)-2-phenyl-7H-pyrrolo[2,3-d]pyrimidin-4-yl]amino]-, cis- (CA INDEX NAME)

Relative stereochemistry.



RN 1106056-76-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:507701 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 135:107350

TITLE: Synthesis of purine derivatives and uses thereof (e.g. cyclin-dependent protein kinase inhibitors)

INVENTOR(S): Havlicek, Libor; Krystof, Vladimir; Siglerova, Vera; Lenobel, Rene; Van Onckelen, Henri; Berneman, Zwi

Nisan; Slegers, Herman; Esmans, Edgard; Strnad, Miroslav; Vermeulen, Katrien

PATENT ASSIGNEE(S): Universitaire Instelling Antwerpen, Belg.; Ustav Experimentalni Botaniky Akademie Ved Ceske Republiky

SOURCE: PCT Int. Appl., 120 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

P	'A'	ENT	NO.			KIND DATE				APPL	ICAT		DATE						
-	770 0001040600						-									-			
W						A1 200			010712 WO			001-	EP15	0		20010108			
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                          Α
                                            US 2002-169592
     US 20030187261
                          A1
                                20031002
                                                                    20021219
PRIORITY APPLN. INFO.:
                                            EP 2000-200070
                                                                 A 20000107
                                            WO 2001-EP150
                                                                 W 20010108
                         CASREACT 135:107350; MARPAT 135:107350
```

## OTHER SOURCE(S):

ΙT 1098477-62-3 RL: PRPH (Prophetic)

(Synthesis of purine derivatives and uses thereof (e.g.

cvclin-dependent protein kinase inhibitors)) RN 1098477-62-3 CAPLUS

INDEX NAME NOT YET ASSIGNED CN

REFERENCE COUNT:

THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD, ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

10

ACCESSION NUMBER: 2000:881128 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 134:42128

TITLE: Preparation of bisbenzimidazoles and related compounds as inhibitors of cell death.

INVENTOR(S): Bitler, Catherine M.; Wood, Paul L.; Anstine, Duran T.; Meyer-franke, Anke; Zhao, Qi; Khan, Mohamed A.

PATENT ASSIGNEE(S): Elan Pharma International Ltd., Ire.

SOURCE: PCT Int. Appl., 54 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

#### FAMILY ACC. NUM. COUNT: 2 PATENT INFORMATION:

												LICAT					ATE	
												2000-					0000	602
		W:	AE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB	, BG,	BR,	BY,	CA,	CH,	CN,	CR,
			CU,	CZ,	DE,	DK,	DM,	DZ,	EE,	ES,	FΙ	, GB,	GD,	GE,	GH,	GM,	HR,	HU,
			ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR	, KZ,	LC,	LK,	LR,	LS,	LT,	LU,
			LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ	, NO,	NZ,	PL,	PT,	RO,	RU,	SD,
			SE,	SG,	SI,	SK,	SL,	TJ,	TM,	TR,	TT	, TZ,	UA,	UG,	US,	UZ,	VN,	YU,
			ZA,	ZW														
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			DE,	DK,	ES,	FI,	FR,	GB,	GR,	IE,	IT	, LU,	MC,	NL,	PT,	SE,	BF,	BJ,
			CF,	CG,	CI,	CM,	GA,	GN,	GW,	ML,	MR	, NE,	SN,	TD,	TG			
	US 6379882							2002	0430		US	1999-	3931	37		1	9990	910
	CA	2375	843									2000-						
											EP	2000-	9380	60		2	0000	602
	EP	1189	889			В1		2003	1217									
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			SI,	LT,	LV,	FI,	RO											
	JP	2003	5014	18		T		2003	0114		JP	2001-	5015	98		2	0000	602
		2566	66			T		2004	0115		AΤ	2000-	9380	60		2	0000	602
	US	2002	0102	597		A1		2002	0801		US	2002-	7496	4		2	0020	212
PRIO	RIT:	Y APP	LN.	INFO	. :						US	1998-	1002	41P	1	P 1	9980	914
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											US	1999-	1388	55P	1	P 1	9990	611
											US	1999-	1682	56P	1	P 1	9991	130
											US	1999-	3931	37	- 1	A1 1	9990	910
											WO	2000-	US15	181	1	7 2	0000	602
OTHE	R 90	TIRCE	(8) .			MARI	TAG	134 •	42128	2								

OTHER SOURCE(S):

MARPAT 134:42128

IT 1098259-89-2 1098259-90-5 1098259-91-6

1098259-92-7

RL: PRPH (Prophetic)

(Preparation of bisbenzimidazoles and related compounds as inhibitors of cell death.)

RN 1098259-89-2 CAPLUS

CN 1H-Benzimidazole-7-carboxylic acid,

2-[(7-nitro-1H-benzimidazol-2-yl)methyl]- (CA INDEX NAME)

RN 1098259-90-5 CAPLUS

CN 1H-Benzimidazole-6-carboxylic acid,

2-[(7-nitro-1H-benzimidazo1-2-y1)methy1]- (CA INDEX NAME)

RN

CN

RN 1098259-92-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD, ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:589999 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 133:177185

TITLE: Preparation of 1-N-alkyl-N-arylpyrimidinamines as CRF

inhibitors

INVENIOR(S): Aldrich, Paul Edward; Arvanitis, Argyrios Georgios;
Bakthavatchalam, Rajagopal; Beck, James Peter;

Cheeseman, Robert Scott; Chorvat, Robert John; Gilligan, Paul Joseph; Hodge, Carl Nicholas;

Wasserman, Zelda Rakowitz

PATENT ASSIGNEE(S): Dupont Pharmaceuticals Company, USA

SOURCE: U.S., 96 pp., Cont.-in-part of U.S. Ser. No. 315,660,

abandoned. CODEN: USXXAM

DOCUMENT TYPE: Patent LANGUAGE: English

LANGUAGE: Engli FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6107301	A	20000822	US 1997-906349	19970805
CA 2174080	A1	19950420	CA 1994-2174080	19941006
HU 74464	A2	19961230	HU 1996-932	19941006
CN 1142817	A	19970212	CN 1994-194465	19941006
ZA 9407921	A	19960411	ZA 1994-7921	19941011
US 6342503	B1	20020129	US 1998-4150	19980107

PRIORITY APPLN. INFO.: US 1993-134209

B2 19931012 US 1994-297274 B2 19940826 US 1994-315660 B2 19940929

MARPAT 133:177185 OTHER SOURCE(S):

1100643-99-9 1100644-00-5

RL: PRPH (Prophetic)

(Preparation of 1-N-alkyl-N-arylpyrimidinamines as CRF inhibitors)

1100643-99-9 CAPLUS

3H-Imidazo[4,5-b]pvridin-7-amine, 3-[2-bromo-4-(1-methylethyl)phenyl]-Nethv1-2-methoxv-5-methv1-N-propv1- (CA INDEX NAME)

1100644-00-5 CAPLUS RN

CN 3H-Imidazo[4,5-b]pyridin-7-amine, 3-[2-bromo-4-(1-methylethyl)phenyl]-2methoxy-N, N-bis(2-methoxyethyl)-5-methyl- (CA INDEX NAME)

MeO-CH2-CH2

REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:513698 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 133:129894

TITLE: Substituted nitrogen heterocyclic derivatives and

pharmaceutical use thereof

INVENTOR(S): Hanus, Jan; Krystof, Vladimir; Hajduch, Marian; Veselv, Jaroslav; Strnad, Miroslav

PATENT ASSIGNEE(S):

Ustav Experimentalni Botaniky Av Cr, Czech Rep.; Lachema, A. S.

PCT Int. Appl., 89 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

SOURCE:

PATEN	PATENT NO.  WO 2000043394 W: AE, AL, DE, DK, JP, KE, MN, MM, TM, TR, RW: GH, GM, DK, ES, CG, CI, AU 2000022761 EP 1147108 EF 1147108					DATE				ICAT					ATE	
WO 20	000433	94		A1		2000	0727								0000	125
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	DE.	DK,	EE.	ES.	FI.	GB,	GD,	GE,	GH.	GM,	HR.	HU,	ID,	IL,	IN,	IS,
	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MD,	MG,	MK,
	MN,	MW,	MX,	NO,	NZ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	TJ,
	TM.	TR.	TT,	UA.	UG,	US,	UZ,	VN,	YU,	ZA,	ZW					
F	W: GH,	GM,	KE,	LS,	MW,	SD,	SL,	SZ,	TZ,	UG,	ZW,	AT,	BE,	CH,	CY,	DE,
	DK,	ES,	FI,	FR,	GB,	GR,	IE,	IT,	LU,	MC,	NL,	PT,	SE,	BF,	ВJ,	CF,
	CG,	CI,	CM,	GA,	GN,	GW,	ML,	MR,	NE,	SN,	TD,	TG				
AU 20	000227	61		A		2000	0807		AU 2	-000	2276	1		2	0000	125
EP 11	47108			B1		2003	0813									
F	R: AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
	IE,	SI,	LT,	LV,	FI,	RO										
	7115															
	52192															
US 20	030191	086		A1		2003	1009		US 2	2003-	3586	74		2	0030	205
PRIORITY A	APPLN.	INFO	. :							.999-						
										0000				w 2	0000	125
									US 2	2001-	8891	76		A3 2	0010	712
OTHER SOUR	RCE(S):			MAR	PAT	133:	1298	94								
IT 11020	76-11-	8 11	0207	6-12	-9 1	1020	76-1	5-2								
11020	76-16-	3 11	0207	6-17	-4 1	1020	76-1	8-5								

1102076-19-6 1102076-20-9 1102076-21-0 1102076-22-1 1102076-23-2 1102076-24-3

1102076-26-5 1102076-27-6 1102076-28-7 1102076-33-4 1102076-34-5

RL: PRPH (Prophetic)

(Substituted nitrogen heterocyclic derivatives and pharmaceutical use thereof)

RN 1102076-11-8 CAPLUS

INDEX NAME NOT YET ASSIGNED CN

Absolute stereochemistry.

RN 1102076-12-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED Absolute stereochemistry.

RN 1102076-15-2 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1102076-16-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1102076-17-4 CAPLUS

CN 9H-Purine-2,6,8-triamine, N2,N8-bis(2-aminoethyl)-9-(1-methylethyl)-N6-

# (phenylmethyl) - (CA INDEX NAME)

- RN 1102076-18-5 CAPLUS
- CN 9H-Purine-2,6,8-triamine, N2,N8-bis(3-aminopropyl)-9-(1-methylethyl)-N6-(phenylmethyl)- (CA INDEX NAME)

- RN 1102076-19-6 CAPLUS
- CN 9H-Purine-2,6,8-triamine, N2,N8-bis(aminomethy1)-9-(1-methylethy1)-N6-(phenylmethy1)- (CA INDEX NAME)

- RN 1102076-20-9 CAPLUS
- CN INDEX NAME NOT YET ASSIGNED

- RN 1102076-21-0 CAPLUS
- CN INDEX NAME NOT YET ASSIGNED

RN 1102076-22-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1102076-23-2 CAPLUS

CN 9H-Purine-2,6,8-triamine, N2,N8-bis(2-aminoethyl)-N6-(3-chlorophenyl)-9-(1-methylethyl)- (CA INDEX NAME)

$$\begin{array}{c} \text{C1} \\ \text{NH} \\ \text{N} \\ \text{NH} \\ \text{CH}_2 - \text{CH}_2 - \text{NH}_2 \\ \\ \text{H}_2 \text{N} - \text{CH}_2 - \text{CH}_2 - \text{NH} \\ \\ \text{N} \\ \text{Pr-i} \end{array}$$

RN 1102076-24-3 CAPLUS

CN 9H-Purine-2,6,8-triamine, N2,N8-bis(3-aminopropyl)-N6-(3-chlorophenyl)-9(1-methylethyl)- (CA INDEX NAME)

RN 1102076-26-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

### Absolute stereochemistry.

RN 1102076-27-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c} \text{C1} \\ \text{NH} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{NH} \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{CH}_2 \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{Pr-i} \\ \text{I} \\ \text{O} \\ \text{CH}_2 \\$$

RN 1102076-28-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1102076-33-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

RN

1102076-34-5 CAPLUS INDEX NAME NOT YET ASSIGNED CN

Absolute stereochemistry.

L4 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:640856 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 131:272181

TITLE: Preparation of benzoheterocyclic distamycin

derivatives as antitumor agents

INVENTOR(S): Cozzi, Paolo; Baraldi, Pier Giovanni; Beria, Italo;

Caldarelli, Marina; Capolongo, Laura; Romagnoli, Romeo

PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A., Italy Patent

CODEN: PIXXD2

SOURCE: PCT Int. Appl., 52 pp.

DOCUMENT TYPE: LANGUAGE:

English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	WO 9950266 W: AE, AL, ID, IL, NO, MZ, AM, AZ, RW: GH, GM, ES, FI, AU 9934155 EP 1064281 EP 1064281 ER: AT, BE, IE, SI, JP 2002509930 AT 296300 PI 1064281 ES 2244188						DATE		APPLICATION NO.									
	MC 9950266 M: AE, AL, ID, IL, NO, NZ, AM, AZ, RW: GH, GM, ES, FI, C1, CM, 9934155 EP 1064281 EP 1064281 R: AT, BE, IE, SI, JP 200259930 AT 296300 PI 1064281 US 6458768 US 6458768 US 6458768 ERTITY APPLIN. INFO.															9990	317	
	W:	ΑE,	AL,	AU,	BA,	BB,	BG,	BR,	CA,	, Ci	I, CU,	CZ,	EE,	GD,	GE,	HR,	HU,	
		ID,	IL,	IN,	IS,	JP,	KP,	KR,	LC,	. LE	, LR,	LT,	LV,	MG,	MK,	MN,	MX,	
		NO,	NZ,	PL,	RO,	SG,	SI,	SK,	SL	TI	R, TT,	UA,	US,	UZ,	VN,	YU,	ZA,	
		AM,	AZ,	BY,	KG,	KZ,	MD,	RU,	TJ,	. Tì	1							
	RW:	GH,	GM,	KE,	LS,	MW,	SD,	SL,	SZ,	, UC	s, ZW,	AT,	BE,	CH,	CY,	DE,	DK,	
		ES,	FI,	FR,	GB,	GR,	IE,	IT,	LU,	, MO	, NL,	PT,	SE,	BF,	ВJ,	CF,	CG,	
		CI,	CM,	GA,	GN,	GW,	ML,	MR,	NE,	, Si	I, TD,	TG						
AU	9934		A		1999	1018		AU	1999-	3415	5	19990317						
EP	1064	281			A1		2001	0103		ΕP	1999-	9156	65		1	9990	317	
EP	1064	281			B1		2005	0525										
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	, GI	R, IT,	LI,	LU,	NL,	SE,	MC,	PT,	
		ΙE,	SI,	LT,	LV,	FI,	RO											
JP	2002	5099	30		T		2002	0402		JP	2000-	-5411	70		1	9990	317	
AT	2963	00			T		2005	0615		ΑT	1999-	9156	65		1	9990	317	
PT	1064	281			T		2005	1031		PT	1999-	9156	65		1	9990	317	
ES	2244	188			Т3		2005	1201		ES	1999-	9156	65		1	9990	317	
US	6458	768			B1		2002	1001		US	2000-	6235	05		2	0000	919	
PRIORIT	Y APP	LN.	INFO	. :						GB	1998-	6692			A 1	9980	327	
										WO	1999-	EP18	23		W 1	9990	317	
OTHER S	OURCE	(S):			MAR	PAT	131:	2721	81									
T			^															

ΙT 1099556-79-2

RL: PRPH (Prophetic)

(Preparation of benzoheterocyclic distamycin derivatives as antitumor agents)

RN 1099556-79-2 CAPLUS

1H-Pyrrole-3-carboxamide, 5-[(3-cyano-1-oxopropyl)amino]-1-methyl-N-[1-CN methyl-4-[[(4-nitro-1H-indol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:1) (CA INDEX NAME)

### ● HCl

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:388186 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 131:44819
TITLE: Imidazonabl

TITLE: Imidazonaphthyridines and their use in inducing

cytokine biosynthesis
INVENTOR(S): Lingstrom, Kyle J.; G

INVENTOR(S): Lingstrom, Kyle J.; Gerster, John F.
PATENT ASSIGNEE(S): Minnesota Mining and Manufacturing Company, USA

SOURCE: PCT Int. Appl., 172 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PAT	ENT :	NO.								APPL	ICAT		DATE				
WO	9929	693								WO 1	998-	US26	473		1	9981	211
	W:						BA,										
		DK,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,
							LC,										
							PT,			SD,	SE,	SG,	SI,	SK,	SL,	ΤJ,	TM,
							VN,										
	RW:																
							IT,					SE,	BF,	ВJ,	CF,	CG,	CI,
		CM,	GA,	GN,	GW,	ML,	MR,	NE,	SN,	TD,	TG						
CA	2311 9919	456			AI		1999	0617		CA 1	998-	2311	456		1	9981	211
AU	9919	123			A		1999	0628		AU 1	999-	1912	3		1	9981	211
	7538												-				0.1.1
	9814																
EP	1040	112			A1		2000	1004		EP I	998-	9638	88		Т	9981	211
	R:								CD	CD	TT		T TT	NIT	CE	140	DT
	K:				LV.		ES,	rĸ,	GB,	GR,	11,	ы,	LU,	NL,	SE,	MC,	Р1,
TTC	6101						2001	0227		TC 1	000-	2101	1.4		1	0001	211
TD	6194 2000	0170	5		T2		2001	0723		TD 2	000-	1705	1.1		1	9981	211
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	4314						2004			J	000	0.10			-	,,,,,	
	2001									TP 2	000-	5242	86		1	9981	211
	2001										001-					9981	
	2001																
RU	2221	798			C2		2004	0120		RU 2	000-	1144	96		1	9981	211

CN	1154647		С	20040623	CN	1998-	01256	2		1	9981	211
	277046		T			1998-					9981	
PT	1040112		T	20050131		1998-					9981 9981	
	1512685		A1	20050331		2004-					9981	
	1512685		B1	20050303	Lie	2004-	22330			1	J J O I	211
LE		CII		DK, ES, FR,	CD CI	тт с	тт	TIT	NII	C P	мс	DT
	IE, SI,				GD, GI	, 11,	шт,	шо,	ML,	JE,	120,	11,
FD	1512686	ш,	A1	20050309	FD	2004-	22441			1	9981	211
	1512686		B1	20060906	EF	2004-	22441			1	230I	211
EE		CH		DK, ES, FR,	CB CI	о тт	T.T	T.II	MT.	SE	MC	DT
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ES	2227902	ш.,	T3	20050401	ES	1998-	96388	R		1	9981	211
	333456		T	20060815		2004-					9981	
	338757		Ť	20060915		2004-					9981	
	136556		7.	20070200		1998-					9981	
	193915		B1	20070330		1959-					9981	
	2270249		Т3	20070401		2004-					9981	
	2273138		тз	20070501		2004-					9981	
	285872		B6	20071004		2000-					9981	
	178091		B1 T3 T3 B6 A	20071031		1998-					9981	
	178092		A	20071031		1998-					9981	
	2312867		C2	20071220		2003-					9981	
	2314307		C2	20080110		2003-					9981	
	286304		В6	20080707		2007-					9981	
	2000002663		A			2000-					0000	
	316687		B1	20040405								
	2000000363		A1	20010630	HR	2000-	363			2	0000	602
	2000000363		В1									
	2000005684		A	20010219	MX	2000-	5684			2	0000	608
US	6514985		A B1	20030204	US	2000-	70699	0		2	0001	106
US	20020173653		A1 B2	20021121	US	2001-	94519	6		2	0010	831
US	6518280		B2	20030211								
US	20020173654		A1	20021121	US	2001-	94519	7		2	0010	831
US	6624172		B2	20030923								
US	20030083500		A1	20030501	US	2002-	18430	4		2	0020	627
US	6638944		B2	20031028								
US	20030096998		A1	20030522	US	2002-	18538	7		2	0020	627
US	6693113		B2	20040217								
AU	2002300982		A1	20030220	AU	2002-	30098	2		2	0020	904
ΑU	2002300982		B2	20041202								
	2002300984		A1	20030220	AU	2002-	30098	4		2	0020	904
	2002300984		B2	20041202								
	2002300985		A1		AU	2002-	30098	5		2	0020	904
	2002300985		B2	20041202								
	20030212093		A1	20031113	US	2002-	26595	6		2	0021	007
	6699878		B2	20040302				_				
	20040006098		A1	20040108	US	2003-	40532	1		2	0030	402
	6747040		B2	20040608								
	20040023932		A1	20040205	US	2003-	40618	1		2	0030	403
	6797716		B2	20040928	-			_				
	20040204436		A1	20041014	US	2004-	82423	2		2	0040	414
	6894165		B2	20050517								
	20050107421		A1	20050519	US	2004-	4674			2	0041	203
	6949646		B2			0005				_		
	1070655		A1			2005-					0050	
	20050288320		A1		US	2005-	18841	8		2	0050	725
	7038051		B2		_							
	2006083188		A		JP	2005-	35830	12		2	0051	212
	4203067		B2		***		00000					040
	20060128674		A1		US	2006-	4/607	4		2	0060	213
US	7335773		В2	20080226								

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PRIORITY APPLN. INFO.:			US	1997-69276P	P	19971211
			AU	1999-19123	A3	19981211
			EP	1998-963888	A3	19981211
			IL	1998-136556	A3	19981211
			JP	2000-524286	A3	19981211
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			JP	2005-358302	A3	20051212
			US	2006-276074	A1	20060213

MARPAT 131:44819 OTHER SOURCE(S):

1100459-80-0

RL: PRPH (Prophetic)

(Imidazonaphthyridines and their use in inducing cytokine biosynthesis) 1100459-80-0 CAPLUS

1H-Imidazo[4,5-c][1,8]naphthyridin-4-amine, CN

2-butyl-1-(2-methylpropyl)-N-[(triphenylmethyl)phosphinidene]-, [N(E)]-(CA INDEX NAME)

Double bond geometry as shown.

REFERENCE COUNT: THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 11 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:354488 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 131:19005

TITLE: Preparation of amidinobenzimidazolylheterocycles as

anticoaqulants.

INVENTOR(S): Fatheree, Paul R.; Jenkins, Thomas E.; Li, Yong; Linsell, Martin S.; Rai, Roopa; Shrader, William D.;

Trapp, Sean G.; Young, Wendy B. Axys Pharmaceuticals, Inc., USA PATENT ASSIGNEE(S): SOURCE: PCT Int. Appl., 105 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE A1 19990603 W0 1998-US25216 19981125 ----WO 9926932 W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG A 19990615 AU 1999-16071 AU 9916071 19981125 P 19971126 PRIORITY APPLN. INFO.: US 1997-72654 WO 1998-US25216 W 19981125 MARPAT 131:19005

OTHER SOURCE(S):

1101273-88-4 1101274-94-5 1101274-95-6

RL: PRPH (Prophetic)

(Preparation of amidinobenzimidazolylheterocycles as anticoagulants.)

RN 1101273-88-4 CAPLUS

INDEX NAME NOT YET ASSIGNED CN

RN 1101274-94-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

13 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN 1998:608618 CAPLUS <<LOGINID::20090303>> ACCESSION NUMBER:

DOCUMENT NUMBER: 129:230735

ORIGINAL REFERENCE NO.: 129:46954h,46955a

TITLE: Preparation of cycloimido-substituted benzofused

THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS

heterocyclic herbicides INVENTOR(S): Crawford, Scott D.; Maravetz, Lester L.; Theodoridis,

George; Dugan, Benjamin

FMC Corp., USA PATENT ASSIGNEE(S): SOURCE: PCT Int. Appl., 69 pp.

CODEN: PIXXD2 DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

REFERENCE COUNT:

PAT	PATENT NO. 				KIN	D	DATE			APPL	ICAT	ION	NO.		D	ATE	
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	W:	AL,	AM,	ΑT,	AU,	AZ,	BA,	BB,	BG,	BR,	BY,	CA,	CH,	CN,	CU,	CZ,	DE,
		DK,	EE,	ES,	FI,	GB,	GE,	GH,	GM,	GW,	HU,	ID,	IL,	IS,	JP,	KE,	KG,
		KP,	KR,	KZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MD,	MG,	MK,	MN,	MW,	MX,
		NO,	NZ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ΤJ,	TM,	TR,	TT,
		UA,	UG,	UZ,	VN,	YU,	ZW										
	RW:	GH,	GM,	KE,	LS,	MW,	SD,	SZ,	UG,	ZW,	AT,	BE,	CH,	DE,	DK,	ES,	FI,
		FR,	GB,	GR,	ΙE,	IT,	LU,	MC,	NL,	PT,	SE,	BF,	ВJ,	CF,	CG,	CI,	CM,
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	9801															9980	225
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	9807				A		2000					7607				9980	225
	9902															9980	
	2000				A2		2000	0828		HU 2	000-	1445			1	9980	225
HU	2000	0014					2001										
JΡ	2002	5210	01		T		2002	0709		JP 1	998-	5377	97		1	9980	225

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                        A 20030430
    CN 1413990
                                           CN 2001-139440
                                                                   20011123
                        С
     CN 1221537
                              20051005
PRIORITY APPLN. INFO.:
                                            US 1997-39172P P 19970226
                                            US 1998-28636 A 19980224
WO 1998-US3647 W 19980225
OTHER SOURCE(S):
                        MARPAT 129:230735
    1101491-71-7 1101491-72-8 1101491-76-2
     1101491-77-3 1101491-78-4 1101491-81-9
     1101491-82-0 1101491-83-1 1101491-87-5
     1101491-88-6 1101491-89-7 1101491-93-3
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     1101495-33-3 1101495-34-4 1101495-35-5
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     1101496-28-9 1101496-32-5 1101496-33-6
     1101496-34-7 1101496-38-1 1101496-39-2
     1101496-41-6 1101496-42-7 1101496-43-8
     1101496-44-9 1101496-45-0 1101496-46-1
     1101496-48-3 1101496-49-4
     RL: PRPH (Prophetic)
        (Preparation of cycloimido-substituted benzofused heterocyclic
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herbicides) RN 1101491-71-7 CAPLUS

CN

INDEX NAME NOT YET ASSIGNED

RN 1101491-72-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-1-(2,2-difluoroethyl)-2-(1,1-dimethylethyl)-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-76-2 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-77-3 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-(7-chloro-2-ethyl-5-fluoro-1H-indol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101491-78-4 CAPLUS
- CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1Hindol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101491-81-9 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-(7-chloro-2-ethyl-5-fluoro-1H-indol-4-yl)-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101491-82-0 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-83-1 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-indol-4-yl]-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101491-87-5 CAPLUS

CN 1H-[1,2,4]Triazolo[1,2-a]pyridazine-1,3(2H)-dione, 2-(7-chloro-2-ethyl-5-fluoro-1H-indol-4-yl)tetrahydro- (CA INDEX NAME)

RN 1101491-88-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

- RN 1101491-89-7 CAPLUS
- CN INDEX NAME NOT YET ASSIGNED

- RN 1101491-93-3 CAPLUS
- CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

- RN 1101491-96-6 CAPLUS
- CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1Hindol-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

RN 1101494-65-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101494-66-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101494-79-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-2-ethyl-5-fluoro-1-methyl-1H-benzimidazol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-80-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-methyl-2-(1-methyl+hyl)-1H-benzimidazo1-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-81-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-methyl-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-methyl-2-(1,1,2,2,2-pentafluoroethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101494-85-2 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-1,2-diethyl-5-fluoro-1H-benzimidazol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101494-88-5 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-1-ethyl-5-fluoro-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-91-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101494-92-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101494-93-2 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[1-butyl-7-chloro-5-fluoro-2-(1-methylethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101494-94-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101494-95-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101494-98-7 CAPLUS
CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(methoxymethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101494-99-8 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-(methoxymethyl)-2-(1-methyl+hyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101495-00-4 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(methoxymethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101495-02-6 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-(methoxymethyl)-2-(1,1,2,2,2-pentafluoroethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101495-04-8 CAPLUS
- CN INDEX NAME NOT YET ASSIGNED

- RN 1101495-30-0 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1,1,2,2,2-pentafluoroethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101495-32-2 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-[(4-chlorophenyl)methyl]-5fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-33-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(phenylmethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-34-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(methylsulfonyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-35-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[2-[1-(acetyloxy)-1-methylethyl]-7-chloro-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-36-6 CAPLUS CN 2,4(1H,3H)-Pyrimidinedion

N 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(2-hydroxy-1,1-dimethylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-37-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(2-methoxy-1,1-dimethylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-38-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-2-ethyl-5-fluoro-1H-indol-4-yl)-1methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-40-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-fluoroethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-41-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101495-42-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-2-ethyl-5-fluoro-1-methyl-1H-indol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-43-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-methyl-2-(1-methylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-44-6 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-methyl-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-45-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-methyl-2-(1,1,2,2,2-pentafluoroethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-46-8 CAPLUS

CN  $2, 4 (1 \text{H}, 3 \text{H}) - \text{Pyrimidinedione}, \ 3 - [7 - \text{chloro} - 5 - \text{fluoro} - 2 - (1 - \text{fluoroethyl}) - 1 - 3 - (1 - \text{fluoroethyl}) - 3 - (1 - \text{fluor$ methyl-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-47-9 CAPLUS

INDEX NAME NOT YET ASSIGNED CN

RN 1101495-48-0 CAPLUS CN

INDEX NAME NOT YET ASSIGNED

RN 1101495-50-4 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101495-52-6 CAPLUS
CN 2,4(1H,3H)-Pyrimiddinedione, 3-[7-chloro-2-ethyl-5-fluoro-1(methylsulfonyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA
INDEX NAME)

RN 1101495-53-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(methylsulfonyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-54-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(methylsulfonyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-56-0 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-1-(methylsulfonyl)-2-(1,1,2,2,2-pentafluoroethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-58-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(2-propen-1-yl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-59-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(2-propen-1-yl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

$$\begin{array}{c} \text{CF3} \\ \text{Me} \\ \text{O} \\ \text{N} \\ \text{O} \\ \text{O} \\ \text{N} \\ \text{O} \\ \text{Pr-i} \\ \text{CH2-CH---} \\ \text{CH2} \\ \end{array}$$

RN

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(2-propyn-1-yl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-62-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c} \text{CF}_3 \\ \text{N} \\ \text{O} \\ \text{N} \\ \text{O} \\ \text{C} \\ \text{N} \\ \text{C} \\ \text{C}_2 \\ \text{C}_3 \\ \text{C}_{12} \\ \text{C}_{13} \\ \text{C}_{12} \\ \text{C}_{13} \\ \text{C}_{14} \\ \text{C}_{15} \\ \text{C}_{$$

- RN 1101495-64-0 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(2-propyn-1-yl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101495-65-1 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(2-propyn-1-yl)-lH-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101495-66-2 CAPLUS
- CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c} \text{CF3} \\ \text{Me} \\ \text{O} \\ \text{O} \\ \text{O} \\ \text{CF2} \\ \text{CF2} \\ \text{CH2} \\ \text{C} \\$$

- RN 1101495-68-4 CAPLUS
- CN INDEX NAME NOT YET ASSIGNED

RN 1101495-69-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101495-70-8 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101495-72-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

$$\begin{array}{c} \text{CF3} \\ \text{Me} \\ \text{O} \\ \text{N} \\ \text{O} \\ \text{O} \\ \text{C} \\ \text{O} \\ \text{Me} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{O} \\ \text{Me} \\ \text{C} \\ \text{C}$$

RN 1101495-74-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(trifluoromethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-75-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1,1,2,2,2-pentafluoroethyl)-1-(trifluoromethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-76-4 CAPLUS

CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-(7-chloro-2-ethyl-5-fluoro-1H-benzimidazol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101495-78-6 CAPLUS
- CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101495-79-7 CAPLUS
- CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-2-(1,1-dimethylethyl)-5fluoro-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101495-82-2 CAPLUS
- CN 1,3,5-Triazine-2,4(1H,3H)-dione, 3-[7-chloro-5-fluoro-2-(1,1,2,2,2pentafluoroethyl)-1H-benzimidazol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-83-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-(7-chloro-2-ethyl-5-fluoro-1H-benzimidazol-4-yl)-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-84-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-benzimidazol-4-yl]-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-85-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 1-amino-3-[7-chloro-2-(1,1-dimethylethyl)-5fluoro-1H-benzimidazol-4-yl]-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-86-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101495-88-8 CAPLUS CN 1H-[1,2,4]Triazolo[1,2

1H-[1,2,4]Triazolo[1,2-a]pyridazine-1,3(2H)-dione,
2-(7-chloro-2-ethyl-5-fluoro-1H-benzimidazol-4-y1)tetrahydro- (CA INDEX NAME)

RN 1101495-89-9 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(2-propen-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-90-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(2-propen-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-94-6 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(2-propyn-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-95-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1-(2-propyn-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-96-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(2-propyn-1-yl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101495-99-1 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-00-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-01-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-05-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-1-(2,2-difluoroethyl)-2-ethyl-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-06-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-1-(2,2-difluoroethyl)-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-08-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

- RN 1101496-09-6 CAPLUS
- CN INDEX NAME NOT YET ASSIGNED

- RN 1101496-10-9 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-hydroxy-1-methylethyl)-1-methyl-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101496-11-0 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[2-[1-(acetyloxy)-1-methylethyl]-7-chloro-5-fluoro-1-methyl-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-12-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-13-2 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-1,2-diethyl-5-fluoro-1H-indol-4-yl)-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-14-3 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-1-ethyl-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-15-4 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-1-ethyl-5fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-18-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-19-8 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[1-butyl-7-chloro-5-fluoro-2-(1-methylethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-20-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-24-5 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(methoxymethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

1101496-25-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-26-7 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1-(methoxymethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-28-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-32-5 CAPLUS

CN

INDEX NAME NOT YET ASSIGNED

RN 1101496-33-6 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-34-7 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1101496-38-1 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-ethyl-5-fluoro-1-(2-propen-1-yl)-1H-indo1-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN 1101496-39-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1101496-41-6 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-benzimidazol-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

RN

CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-benzimidazo1-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

RN 1101496-43-8 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[7-chloro-5-fluoro-2-(1,1,2,2,2-pentafluoroethyl)-1H-benzimidazol-4-yl]-4,5,6,7-tetrahydro- (CA INDEX NAME)

RN 1101496-44-9 CAPLUS

CN 2,4(1H,3H)-Pyrimidinedione, 3-(7-chloro-5-fluoro-2-propyl-1H-indol-4-yl)-1methyl-6-(trifluoromethyl)- (CA INDEX NAME)

RN

CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-methylethyl)-1H-indo1-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101496-46-1 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-2-(1,1-dimethylethyl)-5-fluoro-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101496-48-3 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(2-hydroxyethyl)-1H-indol-4-yl]-1-methyl-6-(trifluoromethyl)- (CA INDEX NAME)

- RN 1101496-49-4 CAPLUS
- CN 2,4(1H,3H)-Pyrimidinedione, 3-[7-chloro-5-fluoro-2-(1-hydroxy-1-

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD, ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1998:568742 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 129:202857

ORIGINAL REFERENCE NO.: 129:41211a,41214a

TITLE: Drug targeting with bioreductive conjugates to areas of hypoxic or ischemic tissue

INVENTOR(S): Blake, David; Naughton, Declan; Adams, Ged; Stratford,

InvENIOR(S):

Blake, David; Naughton, Declan; Adams, Ged; Stratford,
Ian; Morris, Christopher; Jaffar, Mohammed; Naylor,

Matthew

PATENT ASSIGNEE(S): Theramark Limited, UK SOURCE: PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

					KIND DATE			APPLICATION NO.										
WO								WO 1998-GB461										
	W:							BB,										
								GH,										
								LS,										
								SD,	SE,	SG,	SI,	SK,	SL,	ΤJ,	TM,	TR,	TT,	
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	7511																	
EP	9880	57			A1		2000	0329		EP 1	998-	9042	82		1:	9980	213	
EP	9880	57			B1		2003	0827										
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JP	2001	5124	25		T		2001	0821		JP 1	998-	5333	18		1	9980	213	
AT	2479 2206	84			T		2003	0915		AT 1	998-	9042	82		13	9980	213	
ES	2206	891			Т3		2004	0516		ES 1	998-	9042	82		13	9980	213	
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										GB 1	997-	1209	0		A 1	9970	610	
										WO 1	998-	GB46	1					

OTHER SOURCE(S): MARPAT 129:202857

1097323-01-7

RL: PRPH (Prophetic)

(Drug targeting with bioreductive conjugates to areas of hypoxic or ischemic tissue)

1097323-01-7 CAPLUS RN

1H-Indole-3-carboxaldehyde, 2-(2-hydroxyethyl)-5-methoxy-1-methyl-4-nitro-(CA INDEX NAME)

REFERENCE COUNT: THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS 10 RECORD, ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 14 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1998:543070 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 129:148990

ORIGINAL REFERENCE NO.: 129:30373a,30376a

TITLE: Preparation of substituted

2-(2,4(1H,3H)-pyrimidindion-3-yl)benzthiazoles as herbicides, desiccants, and defoliants.

INVENTOR(S): Zagar, Cyrill; Heistracher, Elisabeth; Reinhard, Robert; Hamprecht, Gerhard; Menges, Markus; Menke,

Olaf; Schafer, Peter; Westphalen, Karl-Otto; Misslitz, Ulf; Walter, Helmut

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; et al.

SOURCE: PCT Int. Appl., 40 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9833796	A1	19980806	WO 1998-EP581	19980204
				LU, MC, NL, PT, SE
CN 1194645 CA 2279644			CA 1998-2279644	19980204
EP 958295 R: CH, DE, FR,		19991124	EP 1998-906910	19980204
JP 2001511140 PRIORITY APPLN. INFO.:	T	20010807	JP 1998-532559 DE 1997-19704134	19980204 A 19970204
OTHER SOURCE(S):	MARPAT	129 • 148990	WO 1998-EP581	A 19980204
IT 1099003-50-5 109900 1099003-54-9 109900	3-51-6	1099003-52-7		

RL: PRPH (Prophetic)

(Preparation of substituted 2-(2,4(1H,3H)-pyrimidindion-3yl)benzthiazoles as herbicides, desiccants, and defoliants.)

RN 1099003-50-5 CAPLUS CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N,N-dimethyl- (CA INDEX NAME)

- RN 1099003-51-6 CAPLUS
- CN 2-Benzothiazolamine, 4-chloro-N-ethyl-6-fluoro-7-isocyanato-N-methyl- (CA INDEX NAME)

- RN 1099003-52-7 CAPLUS
- CN Propanenitrile, 3-[(4-chloro-6-fluoro-7-isocyanato-2benzothiazolyl)methylamino]- (CA INDEX NAME)

- RN 1099003-54-9 CAPLUS
- CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N-methyl-N-propyl-(CA INDEX NAME)

RN 1099003-55-0 CAPLUS

CN 2-Benzothiazolamine, N-butyl-4-chloro-6-fluoro-7-isocyanato-N-methyl- (CA INDEX NAME)

RN 1099003-56-1 CAPLUS

CN 2-Benzothiazolamine, 4-chloro-6-fluoro-7-isocyanato-N-methyl-N-2-propyn-1-yl- (CA INDEX NAME)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1998:341560 CAPLUS <<LOGINID::20090303>>

DOCUMENT NUMBER: 129:27932

ORIGINAL REFERENCE NO.: 129:5955a,5958a
TITLE: Preparation of benzoheterocyclic distamycin

derivatives and their use as antitumor and antiviral

agents Cozzi, Paolo; Baraldi, Pier Giovanni; Beria, Italo;

Caldarelli, Marina; Capolongo, Laura; Spalluto,

Giampiero; Romagnoli, Romeo

PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A., Italy

SOURCE: PCT Int. Appl., 58 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

INVENTOR(S):

PA:	TENT :	NO.			KIN	D	DATE			APPL	ICAT:	ION I	NO.		D	ATE		
						-									-			
WO 9821202			A1		19980522			WO 1997-EP5986					19971023					
	W:	ΑU,	BG,	BR,	CA,	CN,	CZ,	EE,	HU,	IL,	JP,	KR,	LT,	LV,	MX,	NO,	NZ,	
		PL,	SG,	SI,	TR,	UA,	US,	AM,	ΑZ,	BY,	KG,	ΚZ,	MD,	RU,	TJ,	TM		
			BE,	CH,	DE,		ES,							LU,				SE
CA 2271299			A1		1998	0522	CA 1997-2271299						19971023					

EP	9851216 937070 937070 R: DE, ES, FR	A A1 B1 GB,	19980603 19990825 20031203 IT. SE		1998-51216 1997-945879		19971023 19971023
ES ZA US	2001504109 2212138 9709997 6153642 7 APPLN. INFO.:	T T3 A A	20010327 20040716 19980525 20001128	ES ZA US GB	1998-522100 1997-945879 1997-9997 1999-284958 1996-23522 1997-EP5986	A W	19971023 19971023 19971106 19990504 19961111 19971023

OTHER SOURCE(S): MARPAT 129:27932 IT 1101630-04-9 1101630-05-0 1101630-06-1

1101630-04-9 1101630-03-0 1101630-08-1

1101630-10-7

RL: PRPH (Prophetic)

(Preparation of benzoheterocyclic distamycin derivatives and their use as antitumor and antiviral agents)

RN 1101630-04-9 CAPLUS

CN 1R-Pyrrole-3-carboxamide, 5-[(4-amino-4-imino-1-oxobuty1)amino]-1-methy1-N-[1-methy1-4-[((4-nitro-1H-indo1-2-y1)amino]carbony1]-1H-pyrrol-2-y1]-, hydrochloride (1:2) (CA INDEX NAME)

# ●2 HC1

RN 1101630-05-0 CAPLUS

CN IH-Pyrrole-3-carboxamide, 5-[[[5-[(4-amino-4-imino-1-oxobuty1) amino]-1-methyl-1H-pyrrol-3-yl]carbonyl]amino]-1-methyl-N-[[methyl-4-[[(4-nitro-1H-indol-2-yl]amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

PAGE 1-B

RN 1101630-06-1 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[[[5-[(4-amino-4-imino-1-oxobuty1)amino]-1methy1-1H-pyrrol-3-y1]carbony1]amino]-1-methy1-N-[1-methy1-4-[[(1-methy1-4nitro-1H-indol-2-y1)amino]carbony1]-1H-pyrrol-2-y1]-, hydrochloride (1:2)
(CA INDEX NAME)

● 2 HCl

PAGE 1-B

RN

CN

#### ● 2 HC1

- RN 1101630-08-3 CAPLUS
- CN 1H-Pyrrole-3-carboxamide, 5-[[[5-[(4-amino-4-imino-1-oxobuty1)amino]-1-methy1-1H-pyrrol-3-yl[carbony1]amino]-1-methy1-N-[1-methy1-4-[[(7-nitro-1H-benzimidazol-2-yl)amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:2) (CA INDEX NAME)

### ● 2 HC1

PAGE 1-B

- RN 1101630-09-4 CAPLUS
- CN 1H-Pyrrole-3-carboxamide, 5-[(4-amino-4-imino-1-oxobuty1)amino]-1-methy1-N[1-methy1-4-[(7-nitro-1H-benzimidazo1-2-y1)amino]carbony1]-1H-pyrrol-2y1]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 1101630-10-7 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[[[5-[(4-amino-4-imino-1-oxobutyl) amino]-1-methyl-1H-pyrrol-3-yl[carbonyl]amino]-1-methyl-N-[[1-methyl-4-[[(1-methyl-4-nitro-1H-benzimidazol-2-yl] amino]carbonyl]-1H-pyrrol-2-yl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

PAGE 1-B

REFERENCE COUNT:

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NEWS			3 11	WTEXTILES reloaded and enhanced												
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	,			patent records provide insights into related prior art												
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NEWS	5 18	FEE	3 23	Several formats for image display and print options												
				discontinued in USPATFULL and USPAT2												
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E11	1	GYORKOS JOHN WILLIAM/AU

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              10 "GYORKOS ALBERT C"/AU
               6 "GYORKOS ALBERT CHARLES"/AU
              38 ("GYORKOS ALBERT"/AU OR "GYORKOS ALBERT C"/AU OR "GYORKOS ALBERT
                   CHARLES"/AU)
=> e corrette c/au
       1 CORRETTE BENNETT STEPHANIE ELLEN/AU
E2
                     CORRETTE BRIAN J/AU
E3
              0 --> CORRETTE C/AU
E4
                     CORRETTE CHRISTOPHER/AU
              6 CORRETTE CHRISTOPHER P/AU
5 CORRETTE CHRISTOPHER PETER/AU
E5
E6
E7
              1
                     CORRETTE S E/AU
              2
                     CORRETTE STEPHANIE E/AU
E8
E9
                     CORRETTI A/AU
             1 CORRETTI GIORGIO/AC
4 CORRETTI MARY/AU
9 CORRETTI MARY C/AU
E10
                     CORRETTI GIORGIO/AU
E11
E12
=> s e4-e6
                1 "CORRETTE CHRISTOPHER"/AU
                6 "CORRETTE CHRISTOPHER P"/AU
                5 "CORRETTE CHRISTOPHER PETER"/AU
L2
               12 ("CORRETTE CHRISTOPHER"/AU OR "CORRETTE CHRISTOPHER P"/AU OR
                  "CORRETTE CHRISTOPHER PETER"/AU)
=> e cho s/au
              1 CHO RYUJI/AU
5 CHO RYUKO/AU
E1 1
E2
E3
             134 --> CHO S/AU
          134 --> CHO S/AU

13 CHO S A/AU

43 CHO S B/AU

9 CHO S C/AU

8 CHO S D/AU

1 CHO S DAVID/AU

2 CHO S E/AU

17 CHO S G/AU

247 CHO S I/AU

24 CHO S I/AU
E4
E5
E6
E7
E8
E9
E10
E11
E12
=> e
      108 CHO S J/AU
1 CHO S JIN/AU
1 CHO S JUN/AU
30 CHO S K/AU
E13
E14
E15
E16
E17
            8 CHO S L/AU
78 CHO S M/AU
6 CHO S N/AU
5 CHO S O/AU
10 CHO S P/AU
11 CHO S S/AU
1 CHO S S/AU
1 CHO S S/AU
1 CHO S S/AU
             8
                     CHO S L/AU
E18
E19
E20
E21
E22
E23
E24
=> e
         1 CHO S T/AU
74 CHO S W/AU
E25
```

E26

```
E27 91 CHO S Y/AU
E28 1 CHO S Y STEPHEN/AU
E29 1 CHO SA EUN/AU
E30 1 CHO SA EUN/AU
E31 2 CHO SA DM/AU
E32 1 CHO SA SM/AU
E32 1 CHO SA SM/AU
E33 45 CHO SA SM/AU
E34 2 CHO SA UNG/AU
E35 1 CHO SA Y/AU
E35 1 CHO SA Y/AU
E36 1 CHO SA Y/AU
 => s e3 or e27
                    134 "CHO S"/AU
                     91 "CHO S Y"/AU
L3
                    225 "CHO S"/AU OR "CHO S Y"/AU
=> e cho suk/au
              5
                                CHO SUHYUNG/AU
                              CHO SUJIN/AU
 E2
                       3
E3
                       2 --> CHO SUK/AU
                               CHO SUK BEUN/AU
 E4
E5
                     2
                               CHO SUK BONG/AU
CHO SUK CHEOL/AU
                  10
1
E6
                               CHO SUK CHOL/AU
 E7
                  1 CHO SUK CHUL/AU
3 CHO SUK GYEONG/AU
17 CHO SUK H/AU
2 CHO SUK HEE/AU
12 CHO SUK HO/AU
 E8
 E9
 E10
 E11
E12
=> e
                  41 CHO SUK HYEON/AU
44 CHO SUK HYEONG/AU
1 CHO SUK HYON/AU
4 CHO SUK HYUN/AU
20 CHO SUK HYUNG/AU
1 CHO SUK JA/AU
 E13
E14
 E15
E16
E17
 E18
                 1 CHO SUK KYU/AU
1 CHO SUK NYEO/AU
1 CHO SUK NYEO/AU
1 CHO SUK RAN/AU
1 CHO SUK SHEN/AU
1 CHO SUK SHIN/AU
3 CHO SUK WOO/AU
 E19
 E20
 E21
 E22
 E23
 E24
=> e
                  12 CHO SUK YOUNG/AU
1 CHO SUKHYUN/AU
2 CHO SUKKI/AU
 E25
 E26
 E27
 E28
                     1
                                CHO SUKSHIN/AU
 E29
                                CHO SUL YEON/AU
                   1
 E30
                                CHO SUMITO/AU
 E31
                                 CHO SUMOOK/AU
                      19 CHO SUN A/AU
1 CHO SUN BEN/AU
1 CHO SUN CHEI/AU
1 CHO SUN CHEOL/AU
1 CHO SUN CHEON/AU
                    19
 E32
 E33
E34
 E35
E36
                    10
=> s e3 or e25
                      2 "CHO SUK"/AU
```

2 "CHO SUK"/AU 12 "CHO SUK YOUNG"/AU

```
14 "CHO SUK"/AU OR "CHO SUK YOUNG"/AU
=> e turner t/au
                  TURNER SUZANNE M/AU
           14
            1
                  TURNER SYLVIA J/AU
            50 --> TURNER T/AU
           18 TURNER T A/AU
            1
                  TURNER T A R/AU
           8
                 TURNER T B/AU
TURNER T D/AU
           28
                  TURNER T E/AU
            9
           27
                  TURNER T F/AU
           2 TURNER T F/AU
2 TURNER T FRED/AU
2 TURNER T G/AU
9 TURNER T H/AU
           12
                  TURNER T HENRY/AU
                  TURNER T J/AU
           189
           10
                  TURNER T JANE/AU
           13
                  TURNER T L/AU
           13
                  TURNER T M/AU
                   TURNER T N/AU
            9
                   TURNER T P/AU
           12
           12 TURNER T R/AU
29 TURNER T S/AU
42 TURNER T T/AU
15 TURNER T W/AU
            1
                  TURNER TAMARA/AU
=> s e3 or e17
            50 "TURNER T"/AU
            13 "TURNER T M"/AU
            63 "TURNER T"/AU OR "TURNER T M"/AU
=> e turner tim/au
                  TURNER TIFFANY/AU
                  TURNER TIFFANY R/AU
             7 --> TURNER TIM/AU
            2 TURNER TIM M/AU
                  TURNER TIM N/AU
            18
                  TURNER TIMOTHY/AU
            1
                  TURNER TIMOTHY D/AU
                  TURNER TIMOTHY E/AU
            4
           19 TURNER TIMOTHY J/AU
3 TURNER TIMOTHY L/AU
            3 TURNER TIMOTHY L/AU
7 TURNER TIMOTHY M/AU
            4
                  TURNER TIMOTHY MARK/AU
=> s e3 or e4 or e11-e12
             7 "TURNER TIM"/AU
             2 "TURNER TIM M"/AU
             7 "TURNER TIMOTHY M"/AU
             4 "TURNER TIMOTHY MARK"/AU
            20 "TURNER TIM"/AU OR "TURNER TIM M"/AU OR ("TURNER TIMOTHY M"/AU
               OR "TURNER TIMOTHY MARK"/AU)
```

L.4

E1

E2

E3

E4

E5

E6

E7

E8

E10 E11 E12 => e E13

E9

E14

E15

E16

E17

E18 E19

E20 E21 E22 E23 E24

L5

E2

E3

E4

E5

E6

E7

E8

E9

E10 E11 E12

E2 E3

=> e pratt s/au E1

73 PRATT RUSSELL C/AU
7 PRATT RUSSELL CLAYTON/AU

56 --> PRATT S/AU

```
1 PRATT S A/AU
2 PRATT S A J/AU
E4
E5
E6
           1
                 PRATT S B/AU
E7
           1 PRATT S C/AU
E8
                 PRATT S CLESSON/AU
            1
E9
                 PRATT S D/AU
           1 PRATT S DIANE/AU
4 PRATT S E/AU
E10
E11
E12
            1
                 PRATT S I/AU
=> e
          10 PRATT S J/AU
4 PRATT S K/AU
E13
E14
                  PRATT S L/AU
E15
           15
E16
           6
3
                  PRATT S M/AU
E17
                  PRATT S R/AU
E18
         126
                  PRATT S T/AU
E19
           1
                  PRATT SAM/AU
E20
            2
                  PRATT SAMUEL/AU
E21
            2
                  PRATT SAMUEL A III/AU
E22
            1
                  PRATT SANA A/AU
                 PRATT SANA ABUHAMAD/AU
PRATT SANDRA L/AU
E23
E24
            4
=> s e3-e5
            56 "PRATT S"/AU
             1 "PRATT S A"/AU
             2 "PRATT S A J"/AU
L7
            59 ("PRATT S"/AU OR "PRATT S A"/AU OR "PRATT S A J"/AU)
=> e pratt scott/au
           1 PRATT SARAH KATHYRN/AU
E1
            1
E2
                 PRATT SCOT/AU
E3
           120 --> PRATT SCOTT/AU
E4
            1 PRATT SCOTT A/AU
E5
                 PRATT SCOTT ALAN/AU
E6
            1
                 PRATT SCOTT EDWARD/AU
           12 PRATT SCOTT L/AU
E7
E8
            1
                 PRATT SCOTT LEE/AU
E9
                 PRATT SEAN E/AU
           1 PRATI SHANNON E/AU
1 PRATI SHANNON ELIZABETH/AU
1 PRATI SHARON/AU
E10
E11
E12
=> s e3-e5
           120 "PRATT SCOTT"/AU
             1 "PRATT SCOTT A"/AU
             5 "PRATT SCOTT ALAN"/AU
           126 ("PRATT SCOTT"/AU OR "PRATT SCOTT A"/AU OR "PRATT SCOTT ALAN"/AU
L8
              )
=> e aso k/au
            2 ASO JUNKO/AU
4 ASO JUNYA/AU
E1
E2
           134 --> ASO K/AU
E3
            3 ASO KAORU/AU
E4
E5
            1
                  ASO KASUHIRO/AU
                 ASO KATSUKO/AU
E6
            1
         5 ASO KATSUMI/AU
1 ASO KAYOKO/AU
1 ASO KAZUAKI/AU
E7
E8
E9
```

```
E10 7 ASO KAZUE/AU
E11 27 ASO KAZUHIRO/AU
E12 1 ASO KAZUHIRO/AU
E12
              1
                      ASO KAZUKO/AU
=> 0
          34 ASO KAZUMASA/AU
17 ASO KAZUNOBU/AU
1 ASO KAZUNORI/AU
64 ASO KAZUO/AU
4 ASO KAZUYA/AU
45 ASO KAZUYOSHI/AU
7 ASO KAZUYUKI/AU
E13
E14
E15
E16
E17
E18
E19
            41
E20
                     ASO KEIICHI/AU
E21
             16
                     ASO KEIJIRO/AU
             5 ASO KEIKO/AU
2 ASO KEIZIRO/AU
8 ASO KENICHI/AU
E22
E23
E24
=> s e3 or e18
              134 "ASO K"/AU
              45 "ASO KAZUYOSHI"/AU
             179 "ASO K"/AU OR "ASO KAZUYOSHI"/AU
L9
=> e kori m/au
            1
                     KORI LINDNER CLAUS/AU
KORI LOKESH/AU
E1
E2
E3
               5 --> KORI M/AU
               1 KORI M M/AU
1 KORI MAKOTO/AU
E4
E5
                     KORI MAMORU/AU
E6
               3
                     KORI MASAAKI/AU
E7
            2 KORI MASAHARU/AU
1 KORI MASAKI/AU
1 KORI MASAKI/AU
1 KORI MASAKO/AU
34 KORI MASAKUNI/AU
               1
E8
E9
E10
E11
E12
              3
                     KORI MASANOBU/AU
=> s e3 or e11
               5 "KORI M"/AU
               34 "KORI MASAKUNI"/AU
              39 "KORI M"/AU OR "KORI MASAKUNI"/AU
=> e gyoten m/au
E1
      2 GYOTEN JIRO/AU
2 GYOTEN KEIMEI/AU
E2
E3
               2 --> GYOTEN M/AU
E4
                     GYOTEN MASAYOSHI/AU
               3
E5
              1
                      GYOTEN MASAYUKI/AU
             17
E6
                     GYOTEN MICHIYO/AU
E7
              5
                     GYOTEN SEIJIRO/AU
                     GYOTEN SHIGEKAZU/AU
GYOTEN TAKAAKI/AU
GYOTEN TAKAYUKI/AU
GYOTEN TETSUYA/AU
GYOTEN YUKARI/AU
E8
               3
E9
               8
E10
              5
               1
E11
E12
=> s e3 or e6
               2 "GYOTEN M"/AU
               17 "GYOTEN MICHIYO"/AU
               19 "GYOTEN M"/AU OR "GYOTEN MICHIYO"/AU
```

```
=> s 11-111
           769 (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR
L12
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) releas? (factor or
hormone)))(3a) receptor)
MISSING OPERATOR OTROPHIN) RELEAS?
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) (release or releasing)
(factor or hormone)))(3a) receptor)
MISSING OPERATOR OTROPHIN) (RELEASE
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin)(release or releasing)(factor
or hormone)))(3a) receptor)
MISSING OPERATOR COTROPHIN) (RELEASE
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin)(release or releasing)(factor
or hormone))
MISSING OPERATOR COTROPHIN) (RELEASE
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) (A) (release or releasing)
(A) (factor or hormone))
UNMATCHED LEFT PARENTHESIS '(CRF'
The number of right parentheses in a query must be equal to the
number of left parentheses.
=> s (CRF OR CRH OR ((corticotropin OR corticotrophin) (A) (release or releasing)
(A) (factor or hormone)))
          9462 CRF
           198 CRFS
          9558 CRF
                 (CRF OR CRFS)
          4514 CRH
            12 CRHS
          4521 CRH
                 (CRH OR CRHS)
         20375 CORTICOTROPIN
          1920 CORTICOTROPINS
         21202 CORTICOTROPIN
                 (CORTICOTROPIN OR CORTICOTROPINS)
           604 CORTICOTROPHIN
             1 CORTICOTROPHINS
           605 CORTICOTROPHIN
                 (CORTICOTROPHIN OR CORTICOTROPHINS)
        546290 RELEASE
         27304 RELEASES
        562971 RELEASE
                 (RELEASE OR RELEASES)
        105947 RELEASING
             6 RELEASINGS
        105950 RELEASING
                 (RELEASING OR RELEASINGS)
       1192320 FACTOR
```

```
1084229 FACTORS
       1874932 FACTOR
                 (FACTOR OR FACTORS)
        313519 HORMONE
        226551 HORMONES
        428516 HORMONE
                 (HORMONE OR HORMONES)
          9991 (CORTICOTROPIN OR CORTICOTROPHIN) (A) (RELEASE OR RELEASING)
               (A) (FACTOR OR HORMONE)
         15126 (CRF OR CRH OR ((CORTICOTROPIN OR CORTICOTROPHIN) (A) (RELEASE
               OR RELEASING) (A) (FACTOR OR HORMONE)))
=> 113 (3a) receptor
L13 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
=> s 113 (3a) receptor
        794159 RECEPTOR
        731738 RECEPTORS
        951037 RECEPTOR
                 (RECEPTOR OR RECEPTORS)
          3310 L13 (3A) RECEPTOR
=> s 112 and 114
            5 L12 AND L14
=> d 1-5 ibib
L15 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:832827 CAPLUS <<LOGINID::20090305>>
DOCUMENT NUMBER:
                         149:128827
TITLE:
                         Benzimidazole derivatives as CRF
                         receptor antagonists and their preparation,
                         pharmaceutical compositions and use in the treatment
                         of diseases
INVENTOR(S):
                         Aso, Kazuvoshi; Mochizuki, Michiyo;
                         Kobayashi, Katsumi
PATENT ASSIGNEE(S):
                         Takeda Pharmaceutical Company Limited, Japan
                         PCT Int. Appl., 77pp.
SOURCE:
                         CODEN: PIXXD2
DOCUMENT TYPE:
                         Patent
                         English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
     PATENT NO.
                        KIND DATE APPLICATION NO.
     WO 2008082003
                         A1 20080710 WO 2007-JP75427 20071228
         W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
             CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,
             KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MC, ME, MG, MK, MN, MN, MN, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
             PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,
             TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
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GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,

L13

L14

BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2006-877628P P 20061229

OTHER SOURCE(S): MARPAT 149:128827

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:530180 CAPLUS <<LOGINID::20090305>>

DOCUMENT NUMBER: 148:517721

TITLE: Preparation of benzimidazole derivatives as

CRF receptor antagonists

Aso, Kazuyoshi; Mochizuki, Michivo; Kojima, INVENTOR(S):

Takuto; Kobayashi, Katsumi; Pratt, Scott Alan ; Gyorkos, Albert Charles; Corrette,

Christopher Peter; Cho, Suk Young

PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan

SOURCE: PCT Int. Appl., 216pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.				D	DATE		APPLICATION NO.						DATE			
WO 2008	O 2008051533			A2 A3		20080502 20080612		WO 2007-US22472						20071024			
W:	CH, GB, KM, MG, PT,	CN, GD, KN, MK, RO,	CO, GE, KP, MN, RS,	CR, GH, KR, MW, RU,	CU, GM, KZ, MX, SC,	AU, CZ, GT, LA, MY, SD, US,	DE, HN, LC, MZ, SE,	DK, HR, LK, NA, SG,	DM, HU, LR, NG, SK,	DO, ID, LS, NI, SL,	DZ, IL, LT, NO, SM,	EC, IN, LU, NZ, SV,	EE, IS, LY, OM,	EG, JP, MA, PG,	ES, KE, MD, PH,	FI, KG, ME, PL,	
RW:	AT, IS, BJ, GH,	BE, IT, CF, GM,	BG, LT, CG, KE,	CH, LU, CI, LS,	CY, LV, CM, MW,		DE, MT, GN, NA,	DK, NL, GQ, SD,	EE, PL, GW, SL,	ES, PT, ML, SZ,	FI, RO, MR, TZ,	FR, SE, NE,	SI, SN,	SK, TD,	TR, TG,	BF, BW,	

MARPAT 148:517721 L15 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN 2006:1147073 CAPLUS <<LOGINID::20090305>>

ACCESSION NUMBER: DOCUMENT NUMBER: 145:455015

PRIORITY APPLN. INFO.:

OTHER SOURCE(S):

TITLE: Preparation of fused heterocyclic compounds like

benzimidazoles as CRF receptor

US 2006-854062P

P 20061025

antagonists

INVENTOR(S): Gyorkos, Albert; Corrette,

Christopher; Cho, Suk; Pratt, Scott; Siedem, Christopher; Aso,

Kazuvoshi; Gvoten, Michivo

PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan

SOURCE: PCT Int. Appl., 249pp. CODEN: PIXXD2

DOCUMENT TYPE: Pat.ent.

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

> PATENT NO. KIND DATE APPLICATION NO. DATE

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WO 2006116412 A2 20061102 WO 2006-US15646 20060426 WO 2006116412 A3 20070628
          W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
               CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
               GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
               KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
               MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
               SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
               VN, YU, ZA, ZM, ZW
          RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
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               CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
               GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
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                             A1 20061102 AU 2006-241210
A1 20061102 CA 2006-2605453
A2 20080109 EP 2006-751379
      AU 2006241210 A1
                                                                              20060426
     CA 2605453
                                                                              20060426
      EP 1874736
                                                                              20060426
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                                                 JP 2008-509045
IN 2007-KN3812
      JP 2008539247 T
                                     20081113
                                                                               20060426
JR 20083947 1 20081113

IN 2007KN03812 A 20080104

MX 2007013154 A 20080121

KR 2008000625 A 20080102

CN 101166729 A 20080423

NO 2007005936 A 20071119

PRIORITY APPLN. INFO::
                                                                              20071008
                                    | 2008/0404 | TN 2007-KN3812 | Z0071002
20080121 | MX 2007-724873 | 20071022
20080102 | KR 2007-724873 | 20071026
20071119 | NO 2006-80014713 | 20071029
20071119 | US 2005-675113P | 20050427
US 2005-742101P | P 20050427
WO 2006-US15646 | W 20060426
                            MARPAT 145:455015
OTHER SOURCE(S):
L15 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:1154366 CAPLUS <<LOGINID::20090305>>
DOCUMENT NUMBER:
                             143:422361
TITLE:
                            Preparation of cyclic compounds as CRF
                             receptor antagonists
INVENTOR(S):
                             Gyorkos, Albert Charles; Corrette,
                             Christopher Peter; Cho, Suk Young;
                             Turner, Timothy Mark; Aso, Kazuyoshi
                             ; Kori, Masakuni; Gyoten, Michiyo;
                             Condroski, Kevin Ronald; Siedem, Christopher Stephen;
                             Boyd, Steven Armen
PATENT ASSIGNEE(S):
                           Takeda Pharmaceutical Company Limited, Japan; et al.
                            PCT Int. Appl., 354 pp.
SOURCE:
                             CODEN: PIXXD2
DOCUMENT TYPE:
                            Patent
LANGUAGE:
                            English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
                       KIND DATE APPLICATION NO. DATE
                             A2 20051027
A3 20070531
      WO 2005099688
                                                 WO 2005-US13583
                                                                              20050406
      WO 2005099688
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PRIORITY APPLN. INFO.:
OTHER SOURCE(S):
                         CASREACT 143:422361; MARPAT 143:422361
L15 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:
                     2005:429393 CAPLUS <<LOGINID::20090305>>
DOCUMENT NUMBER:
                          142:482043
TITLE:
                          Preparation of nitrogen-containing fused heterocyclic
                          compounds like benzimidazoles and benzothiazoles as
                          CRF receptor antagonists
INVENTOR(S):
                          Gyorkos, Albert Charles; Corrette,
                          Christopher Peter; Cho, Suk Young;
                          Turner, Timothy Mark; Pratt, Scott
                          Alan; Aso, Kazuyoshi; Kori,
                          Masakuni; Gyoten, Michiyo
PATENT ASSIGNEE(S):
                          Takeda Pharmaceutical Company Limited, Japan
SOURCE:
                         PCT Int. Appl., 273 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:
                          Patent
LANGUAGE:
                          English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
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     WO 2005044793 A2 20050519 WO 2004-US35648 WO 2005044793 A3 20060330
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FULL ESTIMATED COST 100.63 100.85

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